

Amendment
Application No. 10/522,613
Attorney Docket No. 052070

REMARKS

(1) Claims 1-3 and 5-14 are pending in this application, of which claims 1-3, 5-11, 13 and 14 have been amended. Claim 4 has been cancelled in this response.

(2) The abstract of the disclosure was objected to because of exceeding 150 words in length.

In this Response, the abstract has been corrected.

(3) Claims 1, 2, 3, 6, and 13 were objected to because of the informalities stated in the Office Action at page 2 to 3.

In this Response, claims have been corrected and Applicants believe that the informalities pointed out by the Examiner have been corrected.

The limitation of “a first switch means for detecting voltage” in claims 2 and 3 have been corrected to clarify that the first switch means conducts a switch operation by detecting voltage of the main power source. Claim 6 was also objected in this respect, but claim 6 does not recite such a limitation. If the objection is maintained, Applicants request the Examiner to clarify the objection.

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(4) Claims 7-9 were rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In this Response, claims 7-9 have been amended to change the term “condenser” into “capacitor.”

(5) Claim 1 was rejected under 35 U.S.C. §102(b) as being unpatentable over Aronne. Claim 1 was rejected under 35 U.S.C. §102(e) as being anticipated by Johansson. Claims 1, 14/1, 2, 14/2, 6, 14/6, 12, 14/12, 13, and 14/13 were rejected under 35 U.S.C. §102(a) as being anticipated by Kato. Claims 1, 3, and 14/13 were rejected under 35 U.S.C. §102(a) as being anticipated by Iverson et al. Claims 9, 14/9, 10, 14/10, 11, and 14/11 were rejected under 35 U.S.C. §103(a) as being unpatentable over Aronne in view of Sullivan.

On the other hand, claims 4, 5, 7, 8, 14/4, 14/5, 14/7 and 14/8 were objected to as being dependent upon a rejected base claim, but found allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims and if overcoming any objection or 112 rejection. Page 13 of the Office Action dated September 13, 2007.

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In this Response, claim 1 has been amended to include all the limitations of claim 4. Claims 2, 3, 5, 6 and 9-13 depend on claim 1 as amended. Claims 7 and 8 have been rewritten in independent form including all the limitations of original claim 1, respectively. Claim 14 depend on claims 1-3 and 5-13. Thus, the rejections under 35 U.S.C. §102(a)/(b)/(e) and 103(a) have been made moot.

(6) In view of the aforementioned amendments and accompanying remarks, Applicants submit that that the claims, as herein amended, are in condition for allowance. Applicants request such action at an early date. If the Examiner believes that this application is not now in condition for allowance, the Examiner is requested to contact Applicants' undersigned representative at the telephone number indicated below to arrange for an interview to expedite the disposition of this case. If this paper is not timely filed, Applicants respectfully petition for an appropriate extension of time. The fees for such an extension or any other fees that may be due with respect to this paper may be charged to Deposit Account No. 50-2866.

Respectfully submitted,

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